

Attorney Docket No.: GEMS8081.209

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Polzin et al.
Serial No. : 10/752,656
Filed : January 7, 2004
For : Gradient Non-Linearity Compensation in
Moving Table MRI
Group Art No. : 2859
Examiner : Shrivastav, B.

CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being

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Date 10-5-04

Jason A. Polzin
Signature

DECLARATION UNDER 37 C.F.R. §1.131

WE, Jason A. Polzin, Stephen J. Riederer, and David G. Kruger, being duly
sworn, depose and say:

1. That we are the inventors for the above-identified Patent Application;
2. That we have reviewed the claims of this Application;
3. That we conceived in the United States, prior to September 25, 2001, the
effective date of the cited references, USP 6,671,536, the invention as set forth in the
aforementioned claims, and in particular, a technique of correcting gradient non-
linearities in image data in which image data is acquired of a subject in motion in a

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presence of gradient non-linearities. Warping from acquiring image data of a subject in motion in the presence of gradient non-linearities is then corrected.

4. Attached as Exhibit A is a copy of an electronic lab book entry entitled, "Moving Table (ADVANCE) GradWarp correction", setting forth particulars of the claimed invention. The lab book entry was made prior to September 25, 2001 and, therefore, provides evidence that we conceived of the invention prior to September 25, 2001.

5. That from prior to September 25, 2001, to May 17, 2002, the filing date of USP 6,707,300, from which the above-captioned application is a continuing application and claims priority, we diligently worked toward reducing the aforementioned invention to practice and worked with patent counsel in the preparation of a patent application for the claimed invention.

That the statements made herein are of our own knowledge and are true and made on information and belief that are believed to be true.

We acknowledge that any willful false statements and the like made herein are punishable by fine or imprisonment, or both, and may jeopardize the validity of the application or any patent issuing thereon.


Jason A. Polzin

Dated: 10/4/04


Stephen J. Riederer

Dated: 1 Oct. 2004


David G. Kruger

Dated: Oct. 1, 2004